Bluetooth® Firmware Update Manual

for Windows 7

Bluetooth®

Parrot®

Applicable from 2012 products

CDE-133BT
CDE-135BT
CDE-136BT
CDE-HD137BT
CDE-HD138BT
CDE-W235BT

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Introduction

This manual describes the steps required for updating the Head Units Bluetooth firmware. The update improves compatibility with new mobile phones. Read all warnings and steps carefully before performing the update.

Requirements

- A **Windows 7** computer (connected to the Internet) with Bluetooth connectivity. This includes built-in Bluetooth adapters or external USB Bluetooth adapters.
- The Bluetooth adapter must support **File Transfer Profile (FTP)**.
- The Bluetooth firmware update file (Alpine provided).

Caution

- Do **NOT** update the Bluetooth firmware while driving.
- Do **NOT** turn off the vehicle or remove power from the Head Unit while the unit is updating. The update will not be performed correctly and the Head Unit may be damaged.

Notice

- Updating will result in all user information being deleted, including user settings, paired devices, and phonebook contacts.
- Please contact **Alpine Technical Support** of your country with any questions concerning the update process.

Bluetooth Firmware Update Instructions

The Bluetooth firmware update procedure uses a Bluetooth feature known as File Transfer Profile (FTP) to wirelessly transfer the update file from the PC to the Head Unit. This manual described the update process performed using the Windows 7 operating system (Broadcom Bluetooth Stack and Microsoft Bluetooth Enumerator).

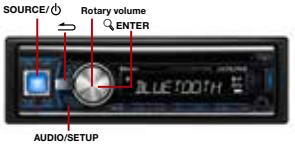
Downloading the Bluetooth Firmware Update

Go to the Alpine homepage of your region to download the Bluetooth firmware update file to the computer that will be used to perform this update. Save the update file onto the Windows desktop so that it can be easily found later. The downloaded Bluetooth firmware update file will be in a compressed (zipped) folder. Unzip the folder by right clicking the file then selecting “Extract All...”. The extracted folder contents will include the firmware update file named “FC6000S_01-27-00.plf”.

USA:	**www.alpine-usa.com**	**Australia:**	**www.alpine.com.au**
Europe:	**www.alpine-europe.com**	**China:**	**www.alpine.com.cn**
Asia:	**www.alpine-asia.com**		

Head Unit Setup Buttons Illustration

The illustration identifies the buttons that shall be used during the updating procedure. This illustration is based on the CDE-133BT model. The button locations will be different in some models. Please refer to the owner’s manual for your specific model.



Setting up the Bluetooth Connection

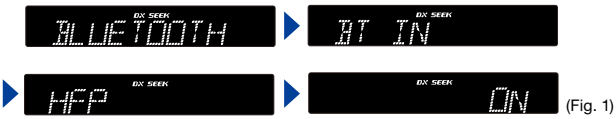
CAUTION: Do **NOT** update the Bluetooth firmware while driving.

1. Turn ON the Head Unit by setting the vehicles ignition to the Accessory (ACC) position.

2. Confirm that the Head Units Bluetooth Hands-free and Audio Streaming connections are enabled.

   a) Enable Hands-free by pressing and hold the **AUDIO/SETUP** button for at least 2 seconds then releases.

   b) Use the rotary volume to select “**BLUETOOTH**” > 🔍 **ENTER** > **“BT IN”** > 🔍 **ENTER** > **“HFP”** > 🔍 **ENTER** > **“ON”** > 🔍 **ENTER** (Fig. 1).



(Fig. 1)

Result: The Head Unit will return to the "**HFP**" screen (Fig. 2).

(Fig. 2)

c) Enable Audio Streaming by using the rotary volume to select "**AUDIO**" > 🔍 **ENTER** > "**ON**" > 🔍 **ENTER** (Fig.3).

(Fig. 3)

Result: The Head Unit will return to the "**AUDIO**" screen (Fig. 4).

(Fig. 4)

d) Press the ⮌ button one time to return to the setup menu in which "**BT IN**" is displayed (Fig. 5)

(Fig. 5)

3 Confirm that the Head Units Bluetooth visible mode is ON.

a) Use the rotary volume to select "**VISIBLE M**" > 🔍 **ENTER** > "**VISI M ON**" > 🔍 **ENTER** (Fig. 6).

(Fig. 6)

Result: The Head Unit will return to the "**VISIBLE M**" screen (Fig. 7).

(Fig. 7)

4 Confirm that no devices are paired to the Head Unit.

a) Use the rotary volume to select "**PAIRED DEV**" > 🔍 **ENTER** (Fig.8)

(Fig. 8)

b) Use the rotary volume to select the paired device then press 🔍 **ENTER** > "**CLEAR**" > 🔍 **ENTER** (Fig. 9). In this example the paired device name is ALPINE.

(Fig. 9)

Result: **"NO DEV"** will be displayed after the device is cleared (Fig 10).

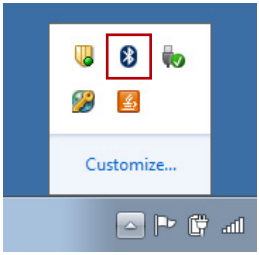
(Fig. 10)

c) Repeat step 4 to clear any additional devices.

5 Turn the Head Unit OFF then ON by setting the vehicles ignition to the OFF (LOCK) position then back to the Accessory (ACC) position.

6 Power ON the computer.

7 Confirm that the Bluetooth Adapter is turned on or plugged into the computer. The Bluetooth icon or a similar notification should display on the task bar when the adapter is enabled (Fig. 11).



(Fig. 11)

Creating a Bluetooth Connection between the Computer and Head Unit

1 From the Windows 7 desktop select **Start** **> Control Panel** (Fig. 12).
Click **View by** then select **Category** (Fig. 13).

(Fig. 12)

(Fig. 13)

2 Select **Add a device** located below the Hardware and Sound Category. (Fig. 14).

(Fig. 14)

Result: The Add a device window will open and Windows will start looking for devices (Fig. 15).

3 Select the device named **Alpine CD Receiver** in the Add a device window (Fig. 15).

(Fig. 15)

4 Select **Next** on the Add a device window to connect to **Alpine CD Receiver** (Fig. 15).

5 Check the Head Unit display.

Result: The Head Unit will momentarily display "**PAIRING**" followed by "**PAIR NO**" (Fig. 16).

(Fig. 16)

6 Turn the rotary volume to select "**PAIR YES**" then press **ENTER** (Fig. 17).

(Fig. 17)

Result: "**CONNECTING**" will begin flashing on the Head Unit (Fig. 18).

(Fig. 18)

7 Wait a few moments until "**CONNECTED**" is displayed on the Head Unit (Fig. 19). This indicates that the Bluetooth connection is successful.

(Fig. 19)

8 Select **Close** on the Add a device window (Fig. 20).

(Fig. 20)

9 Return to the Control Panel window then select **View devices and printers**. If the window was closed select **Start** **> Control Panel > View devices and printers** (Fig. 21).

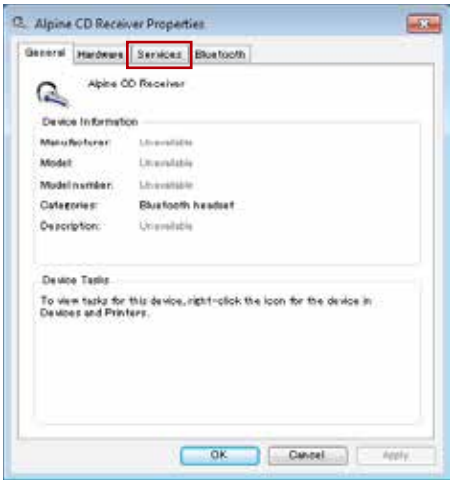
(Fig. 21)

10 Right click on the device named **Alpine CD Receiver** then select **Properties** (Fig. 22).

(Fig. 22)

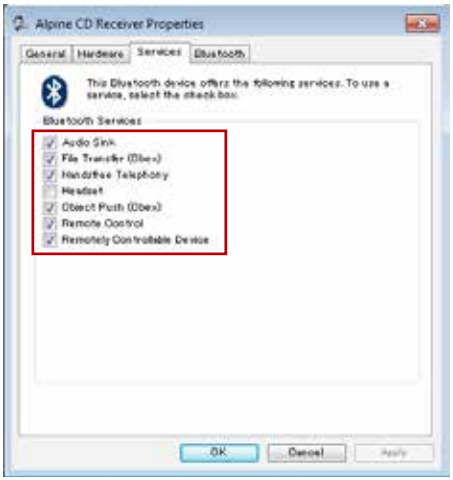
Result: The **Alpine CD Receiver** Properties window will open (Fig. 23).

11 Select the **Services** tab (Fig. 23).



(Fig. 23)

12 Confirm that the Headset service is NOT checked and that all other services are checked, as displayed below (Fig. 24).



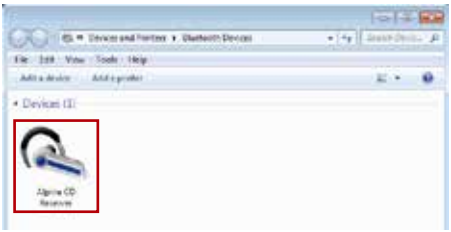
(Fig. 24)

13 Select **OK** to accept the changes and close Properties window (Fig. 24).

Updating the Bluetooth Firmware

Caution: Do **NOT** turn off the vehicle or remove power from the Head Unit while the unit is updating. The update will not be performed correctly and the Head Unit may be damaged.

1 Double click **Alpine CD Receiver** in the Devices and Printers window (Fig. 25).



(Fig. 25)

Result: The Bluetooth Device Control menu will open (Fig. 26).

2 Click once on **Alpine CD Receiver** headset icon in the Bluetooth Device Control window (Fig. 26).

(Fig. 26)

Result: A Window will open contain 2 folders named "**recorder**" and "**update**" (Fig. 27).

(Fig. 27)

3 Open the "**update**" folder.

4 Go to the Head Unit then press and hold the **AUDIO/SETUP** button for at least 2 seconds then release.

5 Use the rotary volume to select "**BLUETOOTH**" > **ENTER** > "**FW UPDATE**" > **ENTER** (Fig 28).

(Fig. 28)

Result: "**UPDATE NO**" will display on the Head Unit (Fig. 29).

(Fig. 29)

6 Turn the rotary volume to select "**UPDATE YES**" then press **ENTER** (Fig. 30).

(Fig. 30)

Result: "**WAITING**" will be displayed (Fig. 31).

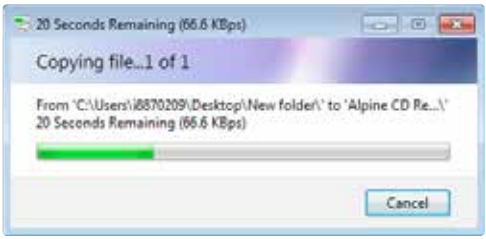
(Fig. 31)

7 Go to the computer and open the folder containing the Bluetooth update firmware (named: FC6000S_01-27-00.plf).

8 Drag-and-drop the update firmware file (named: FC6000S_01-27-00.plf) into the "**update**" folder opened in Step 3 (Fig. 32).

(Fig. 32)

Note: The copy process will take approximately 30 seconds to complete. Pay attention that the file is copied completely by viewing that the copy progress bar reaches the end as displayed in (Fig. 33). **If the update file was NOT copied successfully please refer to Page 12 under the section titled "If the Bluetooth Update Failed".**


20 Seconds Remaining (66.6 KBps)
Copying file...1 of 1
From 'C:\Users\i8870209\Desktop\New folder\' to 'Alpine CD Re...\'
20 Seconds Remaining (66.6 KBps)
Cancel
(Fig. 33)

Note: The Bluetooth connection will automatically disconnect after the file transfer is complete. The Head Unit will then enter update mode and begin the update process. Do NOT turn off the vehicle or remove power from the head unit during the update process.

Result: The Head Unit will display "**FIRMWARE UPDATE DON'T TOUCH ANY BUTTON**" while the firmware is being updated. The updating process will take approximately **2 minutes** to complete.

9 Wait for the Head unit to display "**FIRMWARE UPDATED PLEASE PRESS ANY BUTTON**".

10 Confirm that the Head Unit is displaying "**FIRMWARE UPDATED PLEASE PRESS ANY BUTTON**".

11 Press the ⮌ button on the Head Unit to exit update mode.

Result: The Head Unit will return to the last source mode. For example, if the last source was Radio then the Radio source will display after the ⮌ button is pressed. If you can view the last source then it's safe to restart the Head Unit.

12 Close the Bluetooth Device Control menu on the computer.

13 Turn the Head Unit OFF then ON by setting the vehicles ignition to the OFF (LOCK) position then back to the Accessory (ACC) position. This will finalize the software update process.

Confirming that the Update was Successful

1 Go to the Head Unit then press and hold the **AUDIO/SETUP** button for at least 2 seconds then release.

2 Use the rotary volume to select "**BLUETOOTH**" > 🔍 **ENTER** > "**FW VERSION**" > 🔍 **ENTER** (Fig. 34).

(Fig. 34)

3 Confirm that the version displayed is "**01.27.00**" (Fig. 34).

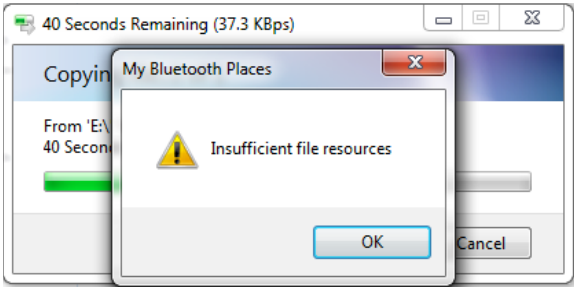
Congratulations!

You have successfully updated the Bluetooth firmware!

Note: The Head Units Bluetooth visible mode may change to OFF after the firmware update is complete. Please refer to Page 3 (Step 3) to turn visible mode ON as needed to pair your mobile phone to the Head Unit.

If the Bluetooth Update Failed...

Please try the following alternative method if the Bluetooth firmware update failed. A failure may be indicated by the message displayed in (Fig. 35).



(Fig. 35)

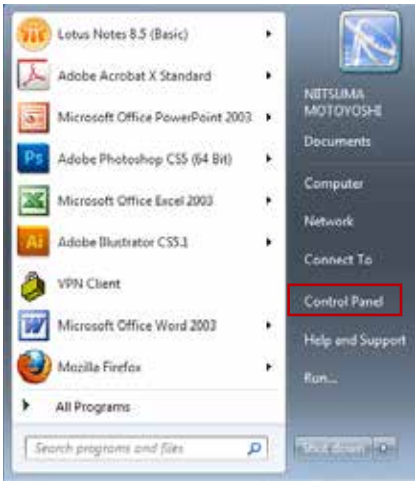
Alternative Update Method

Caution: Do **NOT** turn off the vehicle or remove power from the Head Unit while the unit is updating. The update will not be performed correctly and the product may be damaged.

1 Press the ⮌ button on the Head Unit to exit update mode.

2 Close all open windows on the computer desktop.

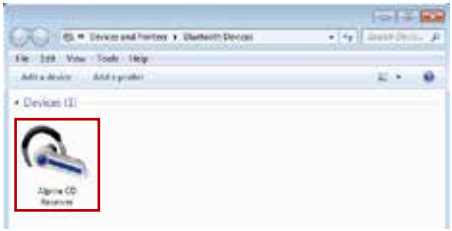
3 From the Windows 7 desktop select **Start** > **Control Panel** (Fig. 36).
Select **View devices and printers** (Fig. 37)



(Fig. 36)

(Fig. 37)

4 Double click **Alpine CD Receiver** in the Devices and Printers (Fig.38).

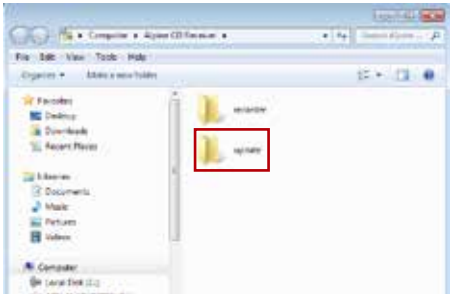


(Fig. 38)

5 Click once on **Alpine CD Receiver** headset icon (Fig. 39).

(Fig. 39)

Result: A window will open contain 2 folders named "**recorder**" and "**update**" (Fig. 40).



(Fig. 40)

6 Open the "**update**" folder.

7 Select **Disconnect** on the Bluetooth Device Control menu (Fig. 41).

(Fig. 41)

Result: "(**Disconnected**)" will be displayed below **Alpine CD Receiver** (Fig. 42).

(Fig. 42)

8 Go to the Head Unit then press and hold **AUDIO/SETUP** button for at least 2 seconds then release.

9 Use the rotary volume to select "**BLUETOOTH**" > 🔍 **ENTER > "FW UPDATE" >** 🔍 **ENTER** (Fig 43).

(Fig. 43)

Result: "**UPDATE NO**" will display on the Head Unit (Fig. 44).

(Fig. 44)

10 Turn the rotary volume to select "**UPDATE YES**" and press 🔍 ENTER (Fig. 45).

(Fig. 45)

Result: "**WAITING**" will be displayed (Fig. 46).

(Fig. 46)

11 Go to the computer then select **Connect** on the Bluetooth Device Control menu (Fig. 47).

(Fig. 47)

Result: "**Connected**" will be displayed below **Alpine CD Receiver** (Fig. 48).

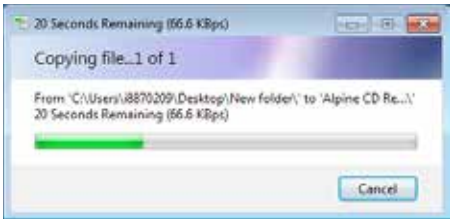
(Fig. 48)

12 Open the folder containing the Bluetooth update firmware (named: FC6000S_01-27-00.plf).

13 Drag-and-drop the update firmware file (named: FC6000S_01-27-00.plf) into the "**update**" folder opened in step 6 (Fig. 49).

(Fig. 49)

Note: The copy process will take approximately 30 seconds to complete. Pay attention that the file is copied completely by viewing that the copy progress bar reaches the end as displayed in (Fig. 50).


20 Seconds Remaining (66.6 KBps)
Copying file 1 of 1
From 'C:\Users\i8870209\Desktop\New folder\' to 'Alpine CD Re...\'
20 Seconds Remaining (66.6 KBps)
Cancel
(Fig. 50)

Note: The Bluetooth connection will automatically disconnect after the file transfer is complete. The Head Unit will then enter update mode and begin the update process. Do NOT turn off the vehicle or remove power from the head unit during the update process.

Result: The Head Unit will display "**FIRMWARE UPDATE DON'T TOUCH ANY BUTTON**" while the firmware is being updated. The updating process will take approximately **2 minutes** to complete.

14 Wait for the Head unit to display "**FIRMWARE UPDATED PLEASE PRESS ANY BUTTON**".

15 Confirm that he Head Unit is displaying "**FIRMWARE UPDATED PLEASE PRESS ANY BUTTON**".

16 Press the ⮌ button on the Head Unit.

Result: The Head Unit will return to the last source mode. For example, if the last source prior to the update was Radio then Radio source will display after the ⮌ button is pressed. If you can view the last source then it's safe to restart the Head Unit.

17 Close the Bluetooth Device Control menu on the computer.

18 Turn the Head Unit OFF then ON by setting vehicles ignition to the OFF (LOCK) position then back to the Accessory (ACC) position. This will finalize the software update process.

19 Please jump back to Page 12 under the section titled "**Confirming that the Update was Successful**".